## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	169	((phase or timing) near3 (command or address\$41) and ((phase or timing) near3 (data or "DQ" or information)) and ((phase or timing) near3 (sampl\$5 or "DQS")) and (phase same ((range or point) near2 or point) near3 (sampl\$6).	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/08
L2	O	(((phase or timing) near3 (command or address\$4)) and ((phase or timing) near3 (data or "DC" or information)) and ((phase or timing) near3 (sampl\$5 or "DC\$")) and ((range or point) near2 operat \$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/08 17:26
L3	192	((phase or timing) near3 (command or address\$4)) and ((phase or timing) near3 (data or "DC" or information)) and ((phase or timing) near3 (sampl\$5 or "DC\$")) and (phase same (region near2 (operat\$4 or region))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/08 17:26
L4	138	((phase or timing) near3 (command or address\$4)) and ((phase or timing) near3 (data or "DC" or information)) and ((phase or timing) near3 (sampl\$5 or "DC\$")) and (phase same (region near2 (operat\$4 or valid)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/08

L5	130	L4 not L1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/08 17:27
L6	0	((714/767-773.cds. or 375/354.cds. or 371- 376.cds.) or (365/194. cds. or 365/233.cds.)) and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/08 17:30
L7	9.	((phase or timing) near3 (command or address\$4)) and ((phase or timing) near3 (data or "DC" or information)) and ((phase or timing) near3 (sampl\$5 or "DC\$")) and ("DRAM" same ((range or point) near2 or point) near2 or point)	US-POPUB; USPAT; EPO; JPO; DERWENT	OR	ON .	2009/05/08 17:36
L8	3	((714/767-773.cds. or 375/354.cds. or 375/371-376.cds.) or (365/194.cds. or 365/233.cds.)) and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/08 17:43
S1	7	(714/767-773.cds. or 375/354.cds. or 371- 376.cds.) and (phase with (sampl\$4 with (command or instruct \$4) with (data or information)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 19:11
S2	113	((synchroniz\$4 or align \$4) near3 phase) with (sampl\$4 adj2 signals) with ((command or instruct\$4) adj2 signals) with ((data or information) adj2 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03
S3	7	i((adjust\$4) near3 phase) same (sampl\$4 adj2 signals) same ((command or instruct \$4) adj2 signals) same ((data or information) adj2 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 19:19

S4		((calibrat\$4) near3 (phase or timing)) same (sampl\$4 adj2 signals) same ((command or instruct \$4 or address) adj2 signals) same ((data or information) adj2 signals)	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 19:20
S5	0	((synchroniz\$4 or align \$4) near3 phase) with (sampl\$4 adj2 signals) with ((address) adj2 signals) with ((data or information) adj2 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 19:20
S6	1	((synchroniz\$4 or align \$4) near3 phase) same (sampl\$4 adj2 signals) same ((address) adj2 signals) same ((data or information) adj2 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 19:21
S7	3	"DRAM" same (sampl \$4 adj2 signals) same ((address) adj2 signals) same ((data or information) adj2 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 19:21
S8	3	"DFAM" same (sampl \$4 adj2 signals) same ((address or command or instruct\$4) adj2 signals) same ((data or information) adj2 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02
S9	3	*DFAM* same (sampl \$4 adj2 signals) same ((address or command or instruct\$4) adj2 signals) same ((data or information) adj2 signals) and (phase or timing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02

S10	325	"DRAM" same (clock ad]2 signals) same ((address or command or instrud\$4) adj2 signals) same ((data or information) adj2 signals) and (phase or timing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 19:25
S11	66	"DRAM" same (dook adj² signals) same ((address or command or instrud\$4) adj² signals) same ((data or information) adj² signals) same (phase or timing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 19:25
S12	2749	365/194.cds. or 365/233.cds. and ((phase or timing) same (command\$4 or address\$4) same (sampling or clock\$4) same (data or information))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 10:47
S13	1453	(365/194.ccls. or 365/233.ccls.) and ((phase or timing) same (command\$4 or address\$4) same (sampling or clock\$4) same (data or information))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:07
S14	318	(365/194.cds. or 365/293.cds.) and ((phase or timing) same (command\$4 or address\$4) same (sampling or clock\$4) same (data or information) same "DRAM")	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:05

S15		(365/194.cds. or 365/233.cds.) and ((phase or timing) same ((command\$+ or address\$4) adj1 signals) same ((sampling or clock\$4) adj1 signals) same ((data or information) adj1 signals) same "DFAM")	US-POPUB; USPAT; EPO; JPO; DERWENT	OR		2007/01/03 12:13
S16	2	S15 and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 11:54
S17	1267	("DQ" and "DQS") same "DRAM"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 11:55
S18	13	S17 and ((phase or timing) with ((command or address) adj1 signals) with ((data or information) adj1 signals))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 12:11
S19	10	S17 and ((delay\$4) with ((command or address) adj1 signals) with ((data or information) adj1 signals))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 12:10
S20	47	S17 and ((phase or timing) same ((command or address) adj1 signals) same ((data or information) adj1 signals))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03
S21	111	(365/194.ccls. or 365/233.cds.) and ((phase or timing) same ((command\$4 or address\$4) adj 1 signals) same ((sampling or clock\$4) adj 1 signals) same ((data or information) adj 1 signals) same "DRAM") and delay\$4	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	0N	2007/01/03 12:18

S22	14	(((phase or tirning) same ((command\$4 or address\$4) adj 1 signals) same ((sampling or "DOS")) same ((data or information) adj 1 signals) same "DRAM") and delay\$4	US-POPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03
S23	70	(((phase or timing) same ((command\$4 or address\$4) adj 1 signals) same ((sampling or "DQS")) same ((data or information) adj 1 signals)) and "DRAM" and delay\$4	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03
S24	70	((phase or timing or synchroniz44) same ((commands4 or address\$4) adj1 signals) same ((sampling or "DQS")) same ((data or information) adj1 signals)) and "DPAM" and delay\$4	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 12:22
S25	777	(((phase or timing or synchroniz\$4) same ((command\$4 or address\$4) adj1 signals) same ((sampling or "DQS")) same ((data or information) adj1 signals) and "DRAM" and delay\$4	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 12:22
<b>S2</b> 6	965	S13 and "DRAM"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 12:56
S27	20	S26 and fine and coarse	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 12:56
S28	1612	((phase or timing) same (command\$4 or address\$4) same (sampling or clock\$4) same (data or information)) same "DRAM"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03

S29	35	S28 and (fine same coarse)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 13:09
\$30	O	Rozas.in. and ((synchroniz\$4 or align \$4) near3 phase) with (sampl\$4 adj2 signals) with ((command or instruct\$4) adj2 signals) with ((data or information) adj2 signals)	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	.00K	2007/01/03 13:40
S31		(365/194.cds. or 365/233.cds.) and ((phase or timing) same (command\$4 or address\$4) same (sampling or clock\$4) same (data or information) same "DRAM") and ("DRAM" near3 inoperable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:05
S32	2 	(365/194.ccls. or 365/233.ccls.) and ((phase or timing) same (command\$4 or address\$4) same (sampling or clock\$4) same (data or information) same "DRAM" with intoperable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:06
\$33	2 	(365/194.cds. or 365/233.cds.) and ((phase or timing) same (command\$4 or address\$4) same (sampling or clock\$4) same (data or information)) and ("DRAM" with inoperable)	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:06

S34	2	(365/194.cds. or 365/233.cds.) and ((phase or timing or synchroniz44) same (command\$4 or address\$4) same (sampling or clock\$4) same (data or information)) and ("DFAM" with inoperable)	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:07
\$35	2	[365/194.cds. or 365/233.cds.) and ((phase or timing) same (command\$4 or address\$4) same (sampling or clock\$4) same (data or information)) and ("DFAM" with (inoperable or inoperative))	US-PCPUB; USPAT; EPO; JPO; DEFWENT	OR	ON	2007/01/03 15:26
S36	3	(memory adj1 controller) same "DRAM" same coarse same fine	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:28
S37	110	((memory adj1 controller) same "DRAM") and ((memory adj1 controller) same (coarse same fine))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:29
S38	11	(((memory or DRAM) adj1 controller) same "DRAM") and (((memory or DRAM) adj1 controller) same (coarse same fine))	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:45
<b>S</b> 39	126	(((memory or DRAM) adj1 controller) same "DRAM") and (((memory or DRAM) adj1 controller) and (coarse same fine))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:38

S40	87	((((memory or DRAM) adj1 controller) same "DRAM") and ((memory or DRAM) adj1 controller) and (coarse same fine same (address or command or data or clock))	US-POPUB; USPAT; EPO; JPO; DERWENT	OR	<b>8</b>	2007/01/03 15:49
S41	1	"6016282".pn. and (coarse same fine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:50
S42	1	"6115318".pn. and (coarse same fine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/21 16:44
S43	1	"6115318".pn. and (coarse same fine) and (coarse and fine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:50
S44	1	"6016282".pn. and (coarse same fine) and delay\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/03 15:50
S45	2	"6553472".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 03:37
<b>S</b> 46	2	"6553472".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/21 16:50
S47	274	phase same (command same sampl \$4 same data) same (adjust\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/21 16:52
S48	432	((adjust\$4 or chang \$4) with (phase or timing)) same (command same (sampl\$4 or clock) same data) same memory	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/21 16:53
S49	302	((adjust\$4 or chang\$4) near4 (phase or timing)) same (command same (sampl\$4 or clock) same data) same memory	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/21 16:54

S50	245	((adjust\$4) near4 (phase or timing)) same (command same (sampl\$4 or clock) same data) same memory	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/21 16:54
S51	47	((calibrat\$4) near4 (phase or timing)) same (command same (sampl\$4 or clock) same data) same memory	US-POPUB; USPAT; EPO; JPO; DERWENT	OR		2008/01/21 17:09
S52	1	((calibrat\$4) near4 (phase or timing)) same (command adj1 signals) same (data adj1 signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/21 17:10
S53	3	"20030131160".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/21 17:11
S54	3	"20030131160".pn. and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/21 17:12
<b>S</b> 55	2	"20030131160".pn. and (sampl\$4 same calibrat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/21 17:12
S56	1	"20030131160".pn. and (sampl\$4 same calibrat\$4) and (calibrat\$4 same data same command)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/21 17:13
S57	2	"20030122696".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/21 17:35
S58	2	"20030122696".pn. and calibrat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/21 17:36
S59	1	"20030122696".pn. and calibrat\$4 and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/21 17:36
S60	2	"6553473".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/20 13:40
S61	4	"6553473".pn. or "20030122696".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/20 13:41
S62	4	"6553472".pn. or "20030122696".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/20 13:41

S63	1	"20030122696".pn. and (read\$4 and writ \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/05 10:56
S64	276	((calibrat\$4 or synchroniz\$4) near4 (phase or timing)) same (command same (sampl\$4 or clock\$4) same data) same (memory or RAM or DRAM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/05 11:11
S65	230	S64 and (read\$4 and writ\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/05 11:12
S66	228	S64 and (read\$4 and writ\$5) and (operat\$5 or inoperativ\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/05 11:26
S67	6	"6324171"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:08
S68	276	((calibrat\$4 or synchroniz\$4) near4 (phase or timing)) same (command same (sampl\$4 or clock\$4) same data) same (memory or RAM or DRAM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:37
S69	4	S68 and (inoperativ\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:37
S70	6	S68 and (operating adj2 point)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:39
S71	0	(((DRAM or RAM or SDRAM) adj5 (inoperable or inoperative)) and ((DRAM or RAM or SDRAM) same (((calibrat\$4 or synchroniz\$4 or align) near4 (phase or timing)))	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:52

S72		((DRAM or RAM or SDRAM) with ((inoperable or inoperative)) and ((DRAM or RAM or SDRAM) same ((calibrat\$4 or synchroniz\$4 or align) near4 (phase or timing)))	US-POPUB; USPAT; EPO; JPO; DERWENT	OR		2008/12/06 15:52
S73		(((DRAM or RAM or SDRAM or memory) with (inoperable or inoperative)) and ((DRAM or RAM or SDRAM or memory) same ((calibrat\$4 or synchroniz\$4 or align) near4 (phase or timing)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:53
S74	222	(((DRAM or RAM or SDRAM or memory) with (inoperable or inoperative)) and ((DRAM or RAM or SDRAM or memory) same ((Calibrat\$4 or synchroniz\$4 or align) same (read\$4 or writ \$4)))	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:54
<b>S</b> 75	199	S74 not S73	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:54
S76	38	(((DRAM or RAM or SDRAM or memory) adj5 (inoperable or inoperative)) and ((DRAM or RAM or SDRAM or memory) same ((calibrat\$4 or synchroniz\$4 or align) same (read\$4 or writ \$4)))	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	00 	2008/12/06 15:55
S77	30	S76 not S73	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:55

S78	1035	(((DRAM or RAM or SDRAM or memory) adj5 (disabl\$5)) and ((DRAM or RAM or SDRAM or memory) same ((calibrat\$4 or synchroniz\$4 or align) same (read\$4 or writ \$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:58
S79	305	(((DRAM or RAM or SDRAM) adj5 (disabl \$5)) and ((DRAM or RAM or SDRAM) same ((calibrat\$4 or synchroniz\$4 or align \$4) same (read\$4 or writ\$4)))	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:58
S80	177	(((DRAM or RAM or SDRAM) adj5 (disabl \$5)) and ((DRAM or RAM or SDRAM) same ((calibrat\$4 or synchroniz\$4 or align \$4) with (read\$4 or writ\$4)))	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 15:59
S81	206	((DRAM or RAM or SDRAM) adj5 (disabl \$5)) and ((DRAM or RAM or SDRAM) same ((calibrat\$4 or synchroniz\$4 or align \$4) same (phase or timing))) and (command same (sampl\$4 or clock\$4) same data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 16:03
S82	175	((DRAM or RAM or SDRAM) adj3 (disabl \$5)) and ((DRAM or RAM or SDRAM) same ((calibrat\$4 or synchroniz\$4 or align \$4) same (phase or timing))) and ((command same (sampl\$4 or clock\$4) same data)	US-POPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 16:04
S83	2	"20020078316".pn. and (disabl\$4 or operat \$4 or inoperative or inoperable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 16:11

S84	1	"20020078316".pn. and (disabl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/06 16:13
S85	1	"20030122696".pn. and (memory adj2 controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/06 17:41
S86	O	((phase or timing) same ((command\$+ or address\$4) adj1 signals) same ((sampling or "DOS")) same ((data or information) adj1 signals)) same ((range or point) near3 operat \$54)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OS	2009/03/27 21:22
S87	34	((phase or timing) same ((command\$4 or address\$4)) same ((sampling or "DQS")) same ((data or information))) same ((range or point) near3 operat\$54)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/27
S88	147	((phase or timing) same ((command\$4 or address\$4 or control \$5)) same ((sampling or "DQ\$")) same ((data or information))) same ((range or point) near3 operat\$54)	US-PCPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/27 21:23

## 5/8/096:10:19 PM

C:\ Documents and Settings\ COdom\ My Documents\ EAST\ Workspaces\ 10716230.wsp